

ABSTRACT

An adjustably opaque window including an external pane, an internal pane, a light transmission control layer and a shock-absorbing layer is provided. The external pane and the internal pane provide a cavity between them, and the light transmission control layer and the shock-absorbing layer are positioned in the cavity. The shock-absorbing layer is a flexible sheet that supports and protects the light transmission control layer. The light transmission layer consists of liquid crystal cells. The transmission ratio of the cells can be controlled variably.